AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph no. [13] with the following amended paragraph:

[13] The packet scheduling method comprises (a) classifying a stream according to a data rate and/or length of a packet; (b) if the packet of the classified stream is a first packet, storing the packet in a first stream queue, and if the packet of the classified stream is a subsequent packet, storing the packet in a second stream queue; (c) counting a virtual start service time of the packet stored in the first stream queue according to a weighted fairness queuing method; and (d) counting a virtual start service time of the packet stored in the second stream queue as a virtual ~~start~~ finish service time of the previous packet.